

# Database for CBM03' Sensors Ver-1.0

Dated 02 Aug 2012 – Pradeep Ghosh

**Table 1. Database of sensors after been received and testing status**

ID	Description of Sensor					Status	Tempt.	MoutingStat	Tests Status				Packaging	Bonding	Location
	Sensor	Type	Wafer	Size	Fluence	Good/Bad	~	~	Pinhole	Visual	IV	CV	~	Bias/Strips	
1	CBM03'	~	1	Full	0.00E+00	~	~	~	~	~	~	~	~	~	KINR
2	CBM03'	~	2	Full	0.00E+00	Good	Room	SandwichBoard	NotYet	Yes,Good	Yes	Yes	NitrogenBox	Bias Bonds	STS-DL
3	CBM03'	~	3	Full	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
4	CBM03'	~	4	Full	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
5	CBM03'	~	5	Full	0.00E+00	~	~	~	~	~	~	~	~	~	KINR
6	CBM03'	~	7	Full	0.00E+00	~	Room	SandwichBoard	NotYet	Yes,Good	No	No	Bluebox	Bias Bonds	DL-CR
7	CBM03'	~	9	Full	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
8	CBM03'	~	10	Full	0.00E+00	Good	Room	SandwichBoard	NotYet	Yes,Good	Yes	Yes	Bluebox	Bias Bonds	STS-DL
9	CBM03'	~	11	Full	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
10	CBM03'	~	12	Full	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
11	CBM03'	~	13	Full	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
12	CBM03'	~	15	Full	0.00E+00	Good	Room	SandwichBoard	NotYet	Yes,Good	Yes	Yes	Bluebox	Bias Bonds	STS-DL
13	CBM03'	~	1f1	Baby	0.00E+00	~	~	~	~	~	~	~	~	~	KINR
14	CBM03'	~	1f2	Baby	0.00E+00	~	~	~	~	~	~	~	~	~	KINR
15	CBM03'	~	1f3	Baby	0.00E+00	~	~	~	~	~	~	~	~	~	KINR
16	CBM03'	~	1f4	Baby	0.00E+00	~	~	~	~	~	~	~	~	~	KINR
17	CBM03'	~	1f5	Baby	0.00E+00	~	~	~	~	~	~	~	~	~	KINR
18	CBM03'	~	1f6	Baby	0.00E+00	~	~	~	~	~	~	~	~	~	KINR
19	CBM03'	~	1f7	Baby	0.00E+00	~	~	~	~	~	~	~	~	~	KINR
20	CBM03'	~	2f1	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
21	CBM03'	~	2f2	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
22	CBM03'	~	2f3	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
23	CBM03'	~	2f4	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL



58	CBM03'	~	9f3	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
59	CBM03'	~	9f4	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
60	CBM03'	~	9f5	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
61	CBM03'	~	9f6	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
62	CBM03'	~	9f7	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
63	CBM03'	~	10f1	Baby	0.00E+00	Good	Room	SandwichBoard	NotYet	Yes,Good	Yes	Yes	Bluebox	Bias Bonds	STS-DL
64	CBM03'	~	10f2	Baby	0.00E+00	Good	Room	SandwichBoard	NotYet	Yes,Good	Yes	Yes	Bluebox	Bias Bonds	STS-DL
65	CBM03'	~	10f3	Baby	0.00E+00	Good	Room	SandwichBoard	NotYet	Yes,Good	Yes	Yes	Bluebox	Bias Bonds	STS-DL
66	CBM03'	~	10f4	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
67	CBM03'	~	10f5	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
68	CBM03'	~	10f6	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
69	CBM03'	~	10f7	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
70	CBM03'	~	11f1	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
71	CBM03'	~	11f2	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
72	CBM03'	~	11f3	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
73	CBM03'	~	11f4	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
74	CBM03'	~	11f5	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
75	CBM03'	~	11f6	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
76	CBM03'	~	11f7	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
77	CBM03'	~	12f1	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
78	CBM03'	~	12f2	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
79	CBM03'	~	12f3	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
80	CBM03'	~	12f4	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
81	CBM03'	~	12f5	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
82	CBM03'	~	12f6	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
83	CBM03'	~	12f7	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
84	CBM03'	~	13f1	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
85	CBM03'	~	13f2	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
86	CBM03'	~	13f3	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
87	CBM03'	~	13f4	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
88	CBM03'	~	13f5	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
89	CBM03'	~	13f6	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
90	CBM03'	~	13f7	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL

91	CBM03'	~	15f1	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
92	CBM03'	~	15f2	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
93	CBM03'	~	15f3	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
94	CBM03'	~	15f4	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
95	CBM03'	~	15f5	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
96	CBM03'	~	15f6	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL
97	CBM03'	~	15f7	Baby	0.00E+00	~	Room	Not Boarded	NotYet	NotYet	No	No	NitrogenBox	NotYet	STS-DL

Notes:

Color Scheme:

- Yellow : Sensor not here in GSI ( other Lab from Collaborators )
- Red : Sensor not working or Discarded or Broken ( See Details )
- Blue : Sensor under Test
- Green : Sensor tested for either bulk properties or other and is Good

**Table 2 : Measurement Tables describing the Plots and Comments on each sensors under test**

Sensor name	Wafer	Size	IV Plot files	CV Plot Files	Images	Comments/Remarks ( if Any)
CBM03'	02	Full				
CBM03'	07	Full				
CBM03'	10	Full				
CBM03'	15	Full				
CBM03'	10f1	Baby	23-08-12 V(fd) = Not Visible 10f1-BS-IV-23-07-2012	23-08-12 V(fd) = 90V 10f1-BS-CV-23-07-2012	--	Full depletion not observed for IV on 23-08-12
CBM03'	10f2	Baby	23-08-12 V(fd) = Not Visible 10f2-BS-IV-23-07-2012	23-08-12 V(fd) = 90V 10f2-BS-CV-23-07-2012	--	Full depletion not observed for IV on 23-08-12
CBM03'	10f3	Baby	23-08-12 V(fd) = Not Visible 10f3-BS-IV-23-07-2012	23-08-12 V(fd) = 90V 10f3-BS-CV-23-07-2012	--	Full depletion not observed for IV on 23-08-12


List of Figures: Including IV and CV Curves with details ( Figure Number please refer the Table 2 above )

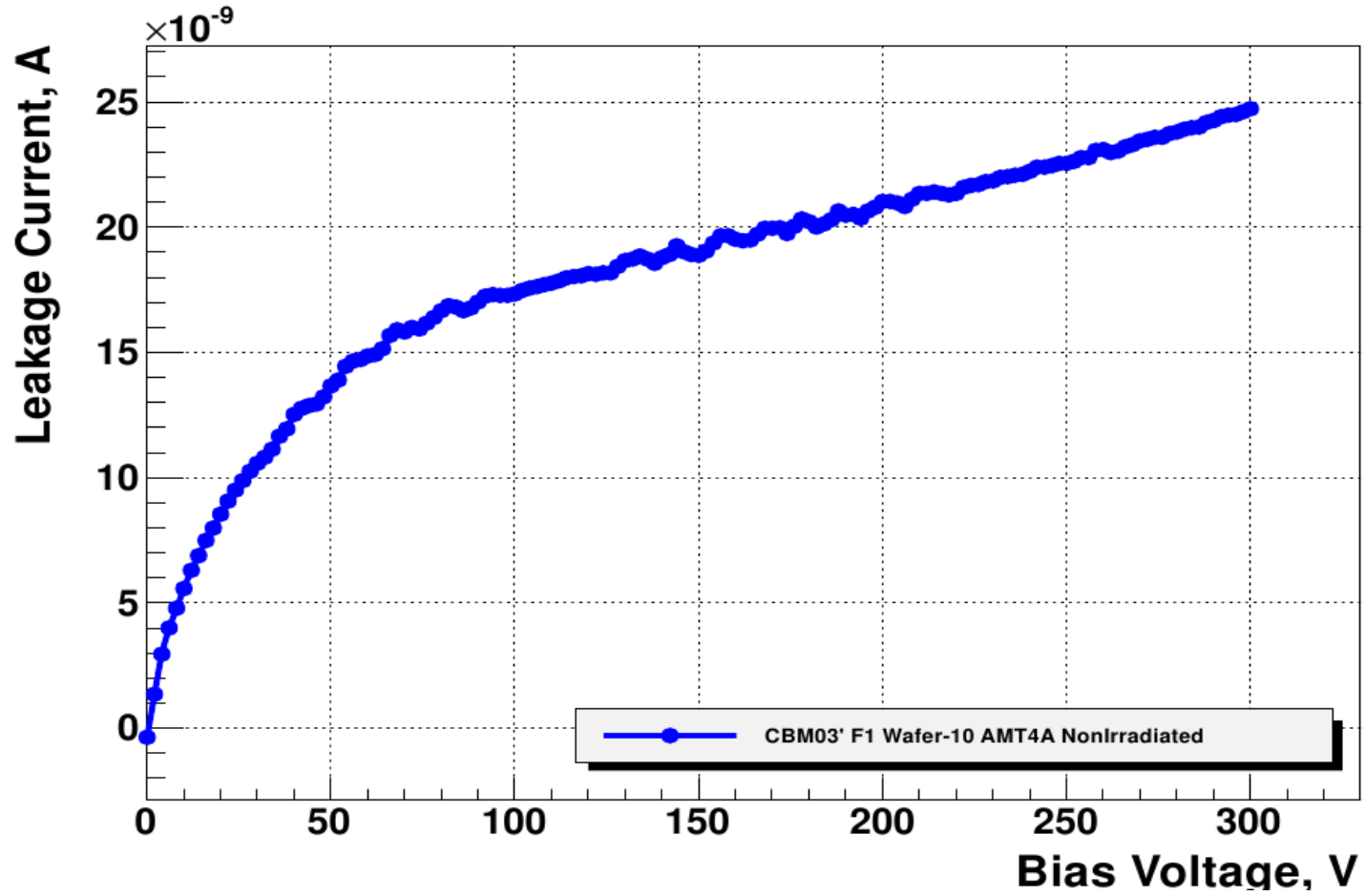


Figure 1: 10f1-BS-IV-23-07-2012

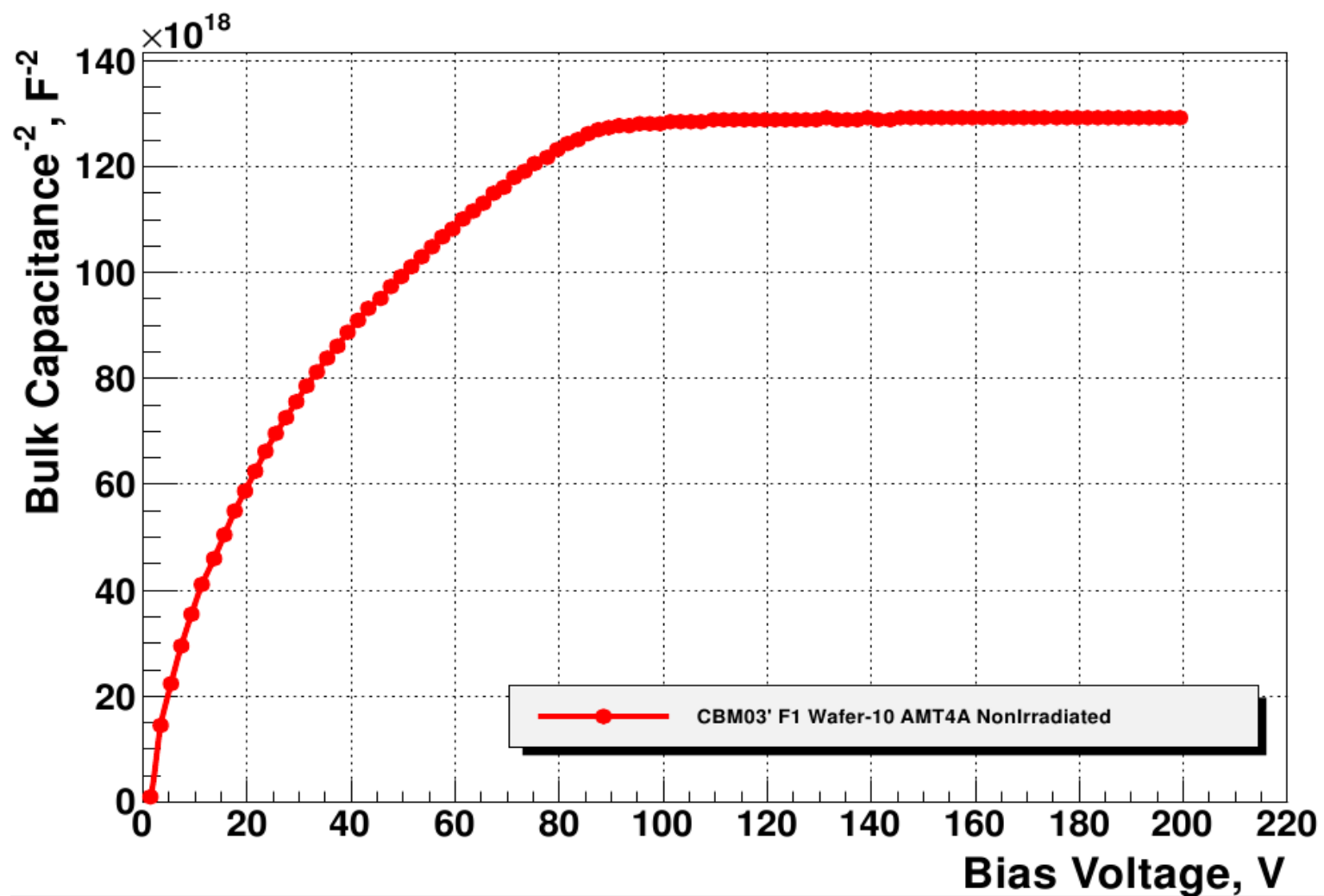


Figure 2: 10f1-BS-CV-23-07-2012

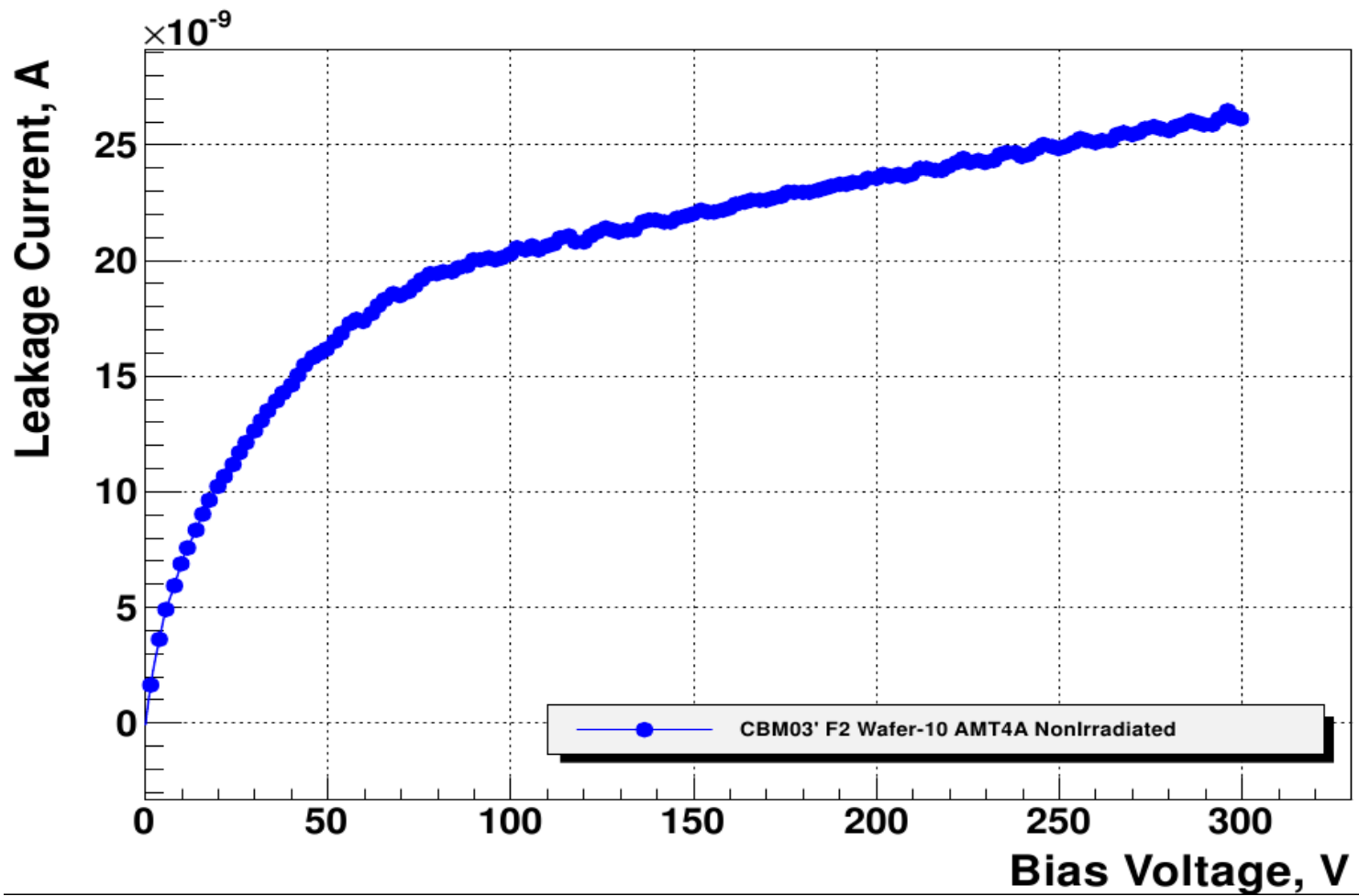


Figure 3: 10f2-BS-IV-23-07-2012



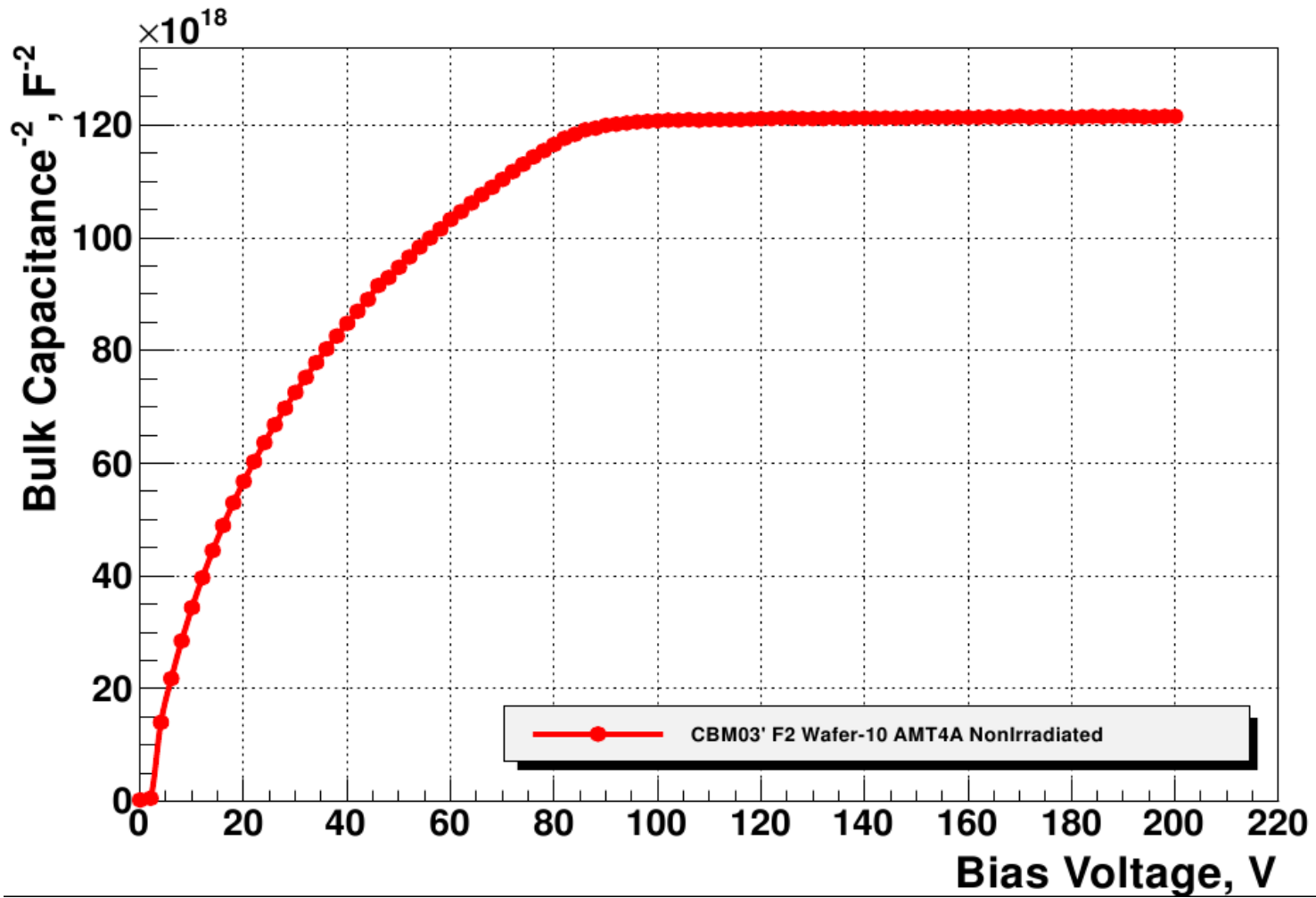


Figure 4: 10f2-BS-CV-23-07-2012

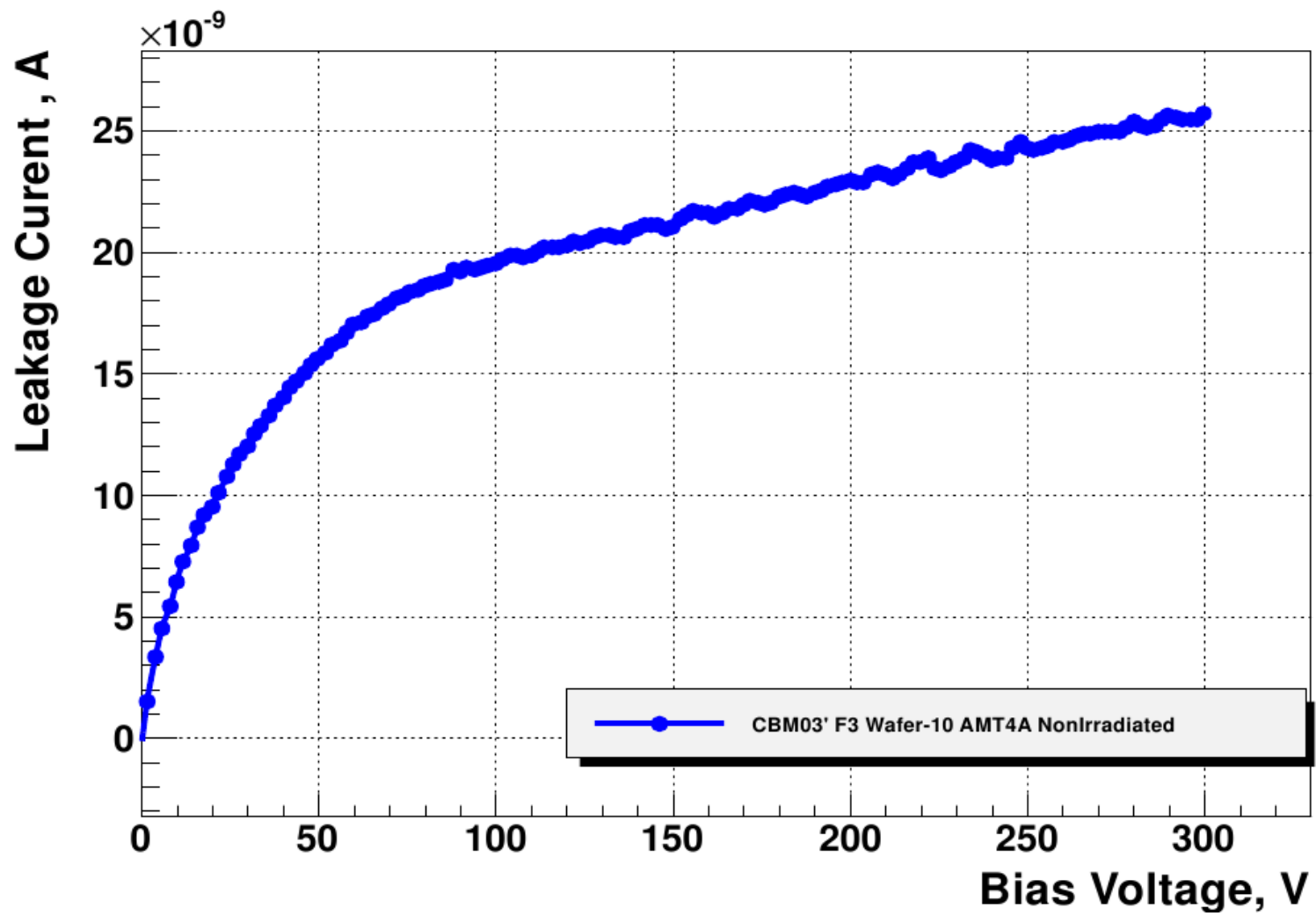


Figure 5: 10f3-BS-IV-23-07-2012

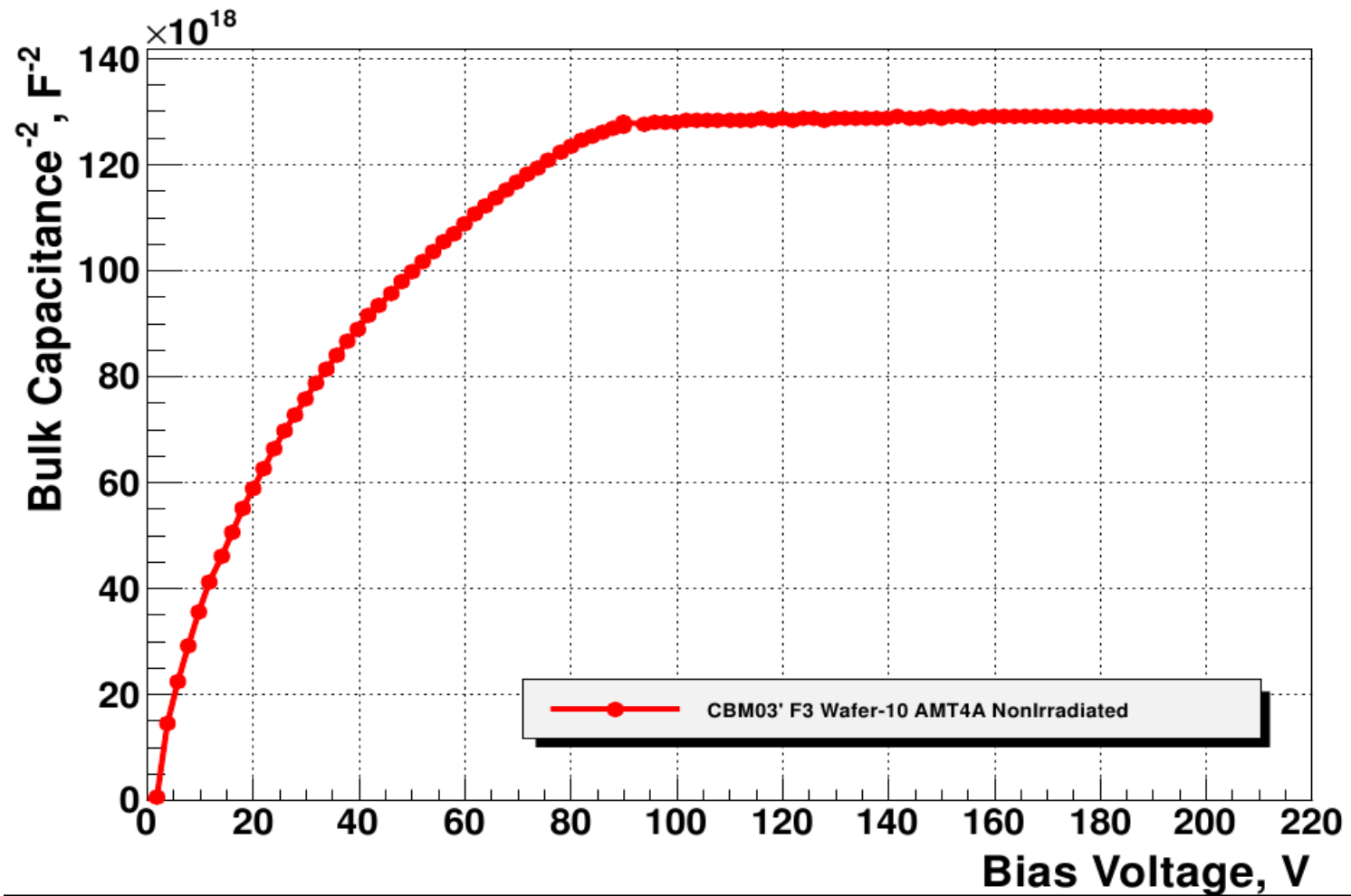


Figure 6: 10f3-BS-CV-23-07-2012